WINNIPEG - 1909

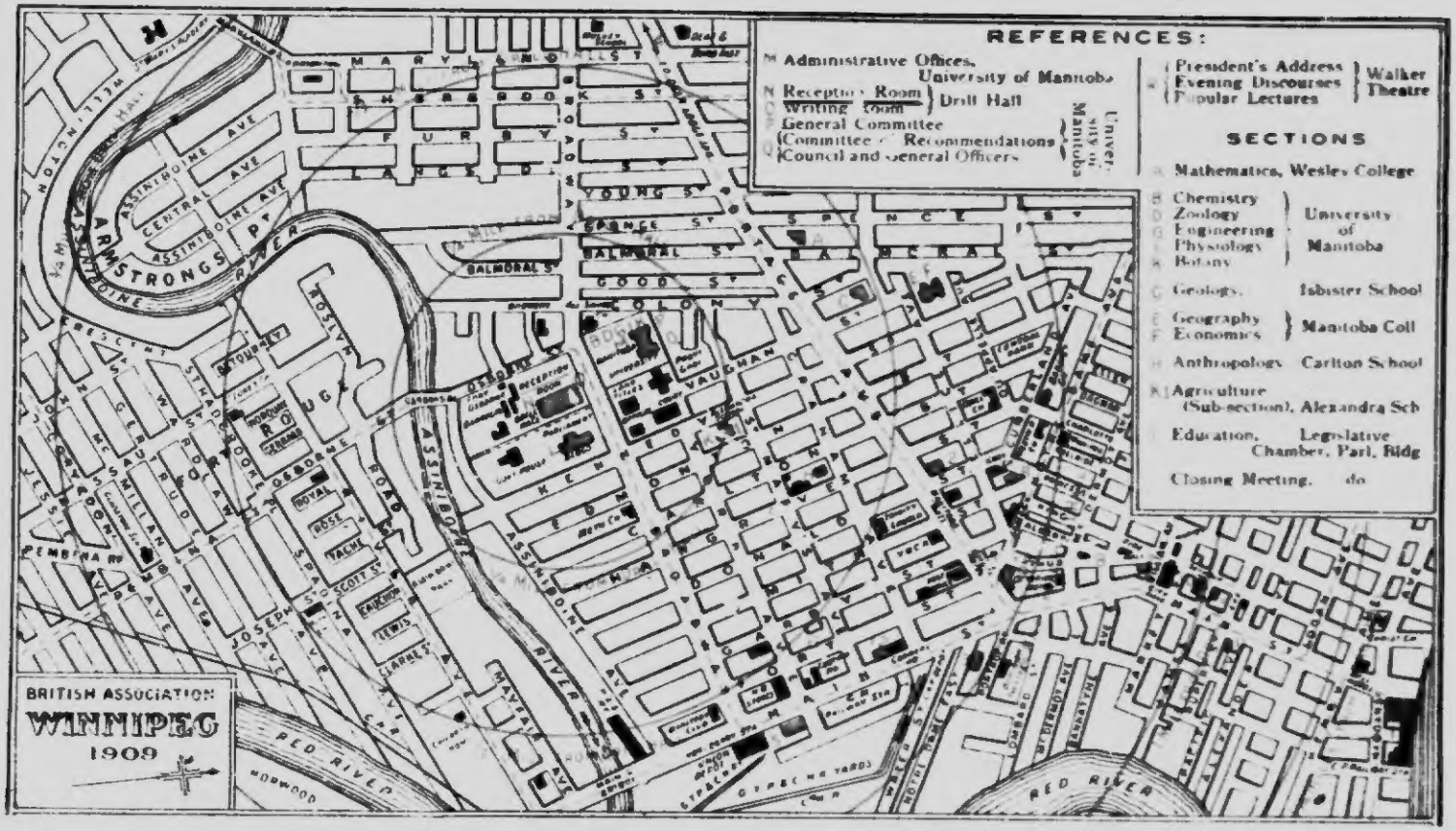
BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

AUG. 25TH — SEPT 1ST

LOCAL PROGRAMME

RECEPTION ROOM
THE DRILL HALL
BROADWAY

LIBRARY
OF CANADIAN
PUBLICATIONS



KEY TO HOTELS:

FIND CORRESPONDING NUMBER MARKED IN RED ON MAP

1 ROYAL ALEXANDRA
2 CLARENDON
3 CORONA
4 TO DEER LODGE
5 EMPIRE
6 LA CLAIRE HALL
7 LELAND
8 MARIAGGI
9 QUEEN'S
10 SEYMOUR
11 STRATHCONA
12 WINNIPEG

ELECTRIC STREET CAR LINES ------

SEVENTY-NINTH ANNUAL MEETING OF THE BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

WINNIPEG

1909

Programme of Local Arrangements

WITH MAP OF WINNIPEG

Reception Room ;
DRILL HALL, BROADWAY
WINNIPEG

BULMAN BROS., LTD WINNIPEG

CONTENTS

Map	Frontispiece
Notices	3
Tickets	3
Post Office	4
List of Members	4
Objects of the Association	5
Membership	5
Patron, Vice-Patron and Officers	6
Sections, Meeting Rooms and Officers	7
Diary and Epitome of Programme	10
Offices and other Arrangements in Reception Room	12
Tickets	12
Excursions and Garden Parties	12
Journal	13
List of Hotels and Lodgings	13
Post Office	13
Telegraph Office	16
Communication between Members	18
Telephones, etc.	18
Restaurants and Luncheon Rooms	18
Street Cars	19
Cabs	19
Transportation	21
Itinerary of Western Excursion for Officers and Guests	25
Suggested Itinerary for members travelling independently	26
Local Excursions and Visits to Works	27
Summary of Visits to Works, etc	28
Summary of Local Excursions	29
Local Committees	30
Officers of the Local Executive Committee	35

NOTICES

Members will please register at the Reception Room immediately on arrival.

Reception Room: The Drill Hall, Broadway.

The Reception Room is on the route of the "Broadway" and "Park Line" cars, and the returning route of the "Fort Rouge" cars.

The Reception Room will be open on Monday, August 23rd, from 2 P.M. to 6 P.M.; Tuesday, August 24th, from 10 A.M. to 11 P.M.; on subsequent days of the meeting from 8 A.M. to 11 P.M.; on Sunday, August 29th, from 10 A.M. to 10 P.M.

Clerks will be in attendance in the Reception Room, on Monday, August 13th from 2 P.M. to 6 P.M., on Tuesday, August 24th, from 10 A.M. to 6 P.M., and on subsequent week days from 8 A.M. to 6 P.M.

In the Reception Room are writing, smoking and cloak rooms.

TICKETS

After obtaining at the proper counter, their tickets for the meeting, Members and Associates are advised to apply at once for reserved seats for the President's Address and for the Evening Lectures. Plans may be seen and seats selected at the "Evening Lectures" counter.

Copies of the Handbook may be obtained on presentation of Member's or Associate's ticket. Early application should be made for tickets for excursions and garden parties, as the number for each is necessarily limited. In the event of more than the available number of tickets being applied for, preference will be given to visitors from a distance.

Invitations and tickets applied for will be issued through the Reception Room Post Office.

Members and Associates are reminded of the importance of always having their Association tickets with them, as their presentation is necessary to secure admission to the Reception Room, and to the various Sectional Meeting Rooms, and to functions for which special invitation tickets are not issued.

POST OFFICE

Members are recommended to call frequently for Letters and Telegrams at the Reception Room Post Office.

LIST OF MEMBERS

Lists of Members and Associates present at the meeting will be printed and distributed as soon as possible after the beginning of the meeting. Members and Associates are asked to see that their names and addresses are correctly recorded. Inaccuracies should be reported to the Clerk at the Ticket Office, Reception Room.

BRITISH ASSOCIATION

WINNIPEG, 1909.

OBJECTS OF THE ASSOCIATION

The objects of the British Association are:—To give a stronger impulse and a more systematic direction to scientific inquiry; to promote the intercourse of those who cultivate Science in different parts of the British Empire with one another, and with Foreign Philosophers; to obtain more general attention for the objects of Science, and the removal of any disadvantages of a public kind which impede its progress.

LOCAL ARRANGEMENTS

MEMBERSHIP

Only those who are Members can attend the meetings of the Association. There are three classes of Membership in the Association: (A) Life; (B) Annual; (C) Associate. The fee for Life Membership is £10 ($50.00); that for the first year of Annual Membership is £2 ($10.00), and subsequently £1 ($5.00); Associates pay, on admission, £1 ($5.00).

Associates are entitled to attend and take part equally with the Annual Members in the meeting for which they join, but are not eligible to serve on Committees or to hold office in the Association, nor do they receive the reports of the Association, except on payment.

Annual Members are eligible to serve on Committees and to hold office in the Association. They receive, gratuitously, the Reports of the Association for the year of their admission, and for all subsequent years in which they continue to pay, without intermission, the annual fee.

Life Members receive, gratuitously, the Reports of the Association which may be published after admission to Membership, and are eligible to all the offices of the Association.

Ladies may become Members or Associates on the same terms as Gentlemen, and Ladies' tickets (TRANSFERABLE TO LADIES ONLY) may be obtained on payment of £1 ($5.00).

On Election, each Member will be furnished with a ticket, without which no one will be admitted to the Meetings.

New Annual and Associate Members can join the Association and obtain tickets by applying at the Reception Room, on Monday, August 23rd, from 2 p.m. to 6 p.m., on Tuesday from 10 p.m. to 6 p.m., and on subsequent days, from 8 a.m. to 6 p.m.

Members of the American Association for the Advancement of Science, are entitled to the full privileges of Annual Members of the British Association on payment of a subscription of $5.00.

PATRON:

HIS MAJESTY THE KING

VICE-PATRON FOR THE WINNIPEG MEETING:

His Excellency Earl Grey, G.C.M.G., Governor-General of Canada

OFFICERS

FOR THE WINNIPEG MEETING, 1909

PRESIDENT:

Professor Sir J. J. Thomson, Sc.D., F.R.S

VICE-PRESIDENTS:

The Right Hon. Lord Strathcona and Mount Royal, G.C.M.G., F.R.S.
The Right Hon. Sir Wilfred Laurier, G.C.M.G., D.C.L.,
Premier of the Dominion of Canada.
His Honour Sir Daniel H. McMillan, K.C.M.G.,
Lieutenant-Governor of the Province of Manitoba.
The Hon. R. P. Roblin, Premier of the Province of Manitoba.
His Honour A. E. Forget,
Lieutenant-Governor of the Province of Saskatchewan.
The Hon. Walter Scott, Premier of the Province of Saskatchewan.
His Honour G. H. V. Bulyea, Lieutenant-Governor of the Province of Alberta.
The Hon. A. C. Rutherford, B.A., LL.D.,
Premier of the Province of Alberta.
His Honour James Dunsmuir,
Lieutenant-Governor of the Province of British Columbia.
The Hon. Richard McBride, LL.B., K.C.,
Premier of the Province of British Columbia.

GENERAL TREASURER:

Professor John Perry, D.Sc., LL.D., F.R.S

GENERAL SECRETARIES:

Major P. A. MacMahon, R.A., D.Sc., F.R.S.,
Professor W. A. Herdman, D.Sc., F.R.S.

ASSISTANT SECRETARY:

O. J. R. Howarth, Esq., M.A., Burlington House, London, W.

ASSISTANT TREASURER AND CHIEF CLERK

H. C. Stewardson, Esq., Burlington House, London, W.

LOCAL TREASURER FOR THE WINNIPEG MEETING:

John Aird, Esq.

LOCAL SECRETARIES FOR THE WINNIPEG MEETING:

C. N. Bell, Esq. Professor M. A. Parker, B.Sc., F.C.S.
W. Sanford Evans, Esq., M.A. (Mayor) Professor Swale Vincent, M.D., D.Sc.

SECTIONS

Meeting Rooms and Officers

SECTION A—MATHEMATICAL AND PHYSICAL SCIENCE

MEETING PLACE—Three rooms in Wesley College, Portage Ave.

OFFICERS:

President.—PROFESSOR E. RUTHERFORD, M.A., D.Sc., F.R.S.

Vice-Presidents.—W. N. SHAW, M.A., Sc.D., F.R.S.; E. W. HOBSON, Sc.D., F.R.S.; Professor SIR J. LARMOR, D.Sc., Sec. R.S.

Secretaries.—A. W. PORTER, B.Sc. (Recorder); E. GOLD, M.A.; F. HORTON; A. A. RAMBAUT, D.Sc., F.R.S.

Professor J. C. FIELDS; Professor F. ALLEN,* F.R.S.C., M.A., Ph.D.

SECTION B—CHEMISTRY

MEETING PLACE.—Chemical Lecture Theatre, University of Manitoba.

OFFICERS:

President.—PROFESSOR H. E. ARMSTRONG, Ph.D., LL.D., F.R.S.

Vice-Presidents.—Prof. F. S. KIPPING., D.Sc., Ph.D., F.R.S.; Prof. W. P. WYNNE, D.Sc., F.R.S.

Secretaries.—E. F. ARMSTRONG, D.Sc., Ph.D. (Recorder); T. M. LOWRY, D.Sc.; F. M. PERKIN, Ph.D.; J. W. SHIPLEY,* B.A.

SECTION C—GEOLOGY

MEETING PLACE.—Isbister School, Vaughan Street.

OFFICERS:

President.—A. SMITH WOODWARD, LL.D., F.R.S., F.G.S.

Vice-Presidents.—A. STRAHAN, M.A., F.R.S.; Prof. J. W. GREGORY, D.Sc., F.R.S.

Secretaries.—W. LOWER CARTER, M.A., (Recorder); Prof. S. H. REYNOLDS, M.A.; A. R. DWERRYHOUSE, D.Sc.; R. T. HODGSON,* M.A.

SECTION D—ZOOLOGY

MEETING PLACE.—Physics Lecture Theatre, University of Manitoba.

OFFICERS:

President.—A. E. SHIPLEY, M.A., D.Sc. F.R.S.

Vice-Presidents.—E. S. GOODRICH, M.A., F.R.S.; J. STANLEY GARDINER, M.A., F.R.S.

Secretaries.—H. W. MARETT TIMS, M.A., M.D. (Recorder); C. L. BOULENGER; DR. J. PEARSON; C. A. BARAGAR.*

SECTION E—GEOGRAPHY

MEETING PLACE—Convocation Hall, Manitoba College, Ellice Avenue

OFFICERS:

President.—COLONEL SIR DUNCAN JOHNSTON, K.C.M.G., C.B., R.E., F.R.G.S.

Secretaries. G. G. CHISHOLM, B.Sc. (Recorder); J. MCFARLANE, M.A.; A. MACINTYRE,* B.A.

SECTION F—ECONOMIC SCIENCE AND STATISTICS

MEETING PLACE. Room A, Manitoba College, Ellice Avenue

OFFICERS:

President.—PROFESSOR S. J. CHAPMAN, M.A.

Vice-President.—A. L. BOWLEY, M.A.

Secretaries.—W. R. SCOTT (Recorder); A. B. CLARK, M.A.; W. A. MANAHAN,* Ph.D.

SECTION G—ENGINEERING

MEETING PLACE.—Engineering Draughting Room, University of Manitoba

OFFICERS:

President.—SIR W. H. WHITE, K.C.B., F.R.S.

Vice-President.—COL. SIR CHAS. M. WATSON, K.C.M.G., C.B., R.E., M.A.

Secretaries.—W. A. PRICE, M.A. (Recorder); Prof. E. G. COKER, M.A., D.Sc.; Prof. E. W. MARCHANT, D.Sc.; Professor E. E. BRYDONE-JACK,* B.A., C.E.

SECTION H—ANTHROPOLOGY

MEETING PLACE. Carlton School, Carlton Street

OFFICERS:

President.—PROFESSOR J. L. MYRES, M.A., F.S.A.

Vice-President.—E. SIDNEY HARTLAND, F.S.A.

Secretaries.—H. S. KINGSFORD, M.A., (Recorder); Prof. C. J. PATTEN, F. C. SHRUBSALL, M.A., M.D.

SECTION I—PHYSIOLOGY

MEETING PLACE. Physiology Lecture Theatre, University of Manitoba

OFFICERS:

President.—PROFESSOR E. H. STARLING, M.D., F.R.S.

Vice-Presidents.—Prof. A. R. CUSHNY, M.D., F.R.S.; W. B. HARDY, M.A., F.R.S.

Secretaries.—N. H. ALCOCK, M.D. (Recorder); Prof. P. T. HERRING, M.D.; W. WEBSTER,* M.D., C.M.

SECTION K BOTANY

MEETING PLACE Botany Lecture Theatre, University of Manitoba

OFFICERS:

President LIEUT.-COLONEL D PRAIN, C.I.E., LL.D., F.R.S.
Vice-President —H. W. T. WAGER, F.R.S.
Secretaries Prof. R. H. YAPP, M.A. (Recorder), D. T. GWYNNE VAUGHAN
Prof. A. H. REGINALD BULLER,* D.Sc., Ph.D.

SUB-SECTION K AGRICULTURE

MEETING PLACE —Alexandra School, Kennedy Street

OFFICERS:

Chairman.—MAJOR P. G. CRAIGIE, C.B.
Vice-President.—Prof. W. SOMERVILLE, D.Sc.
Secretaries E. J. RUSSELL, D.Sc. (Recorder); Prof. J. WILSON, M.A., B.Sc.; Principal W. J. BLACK,* B.S.A.

SECTION L—EDUCATIONAL

MEETING PLACE Legislative Chamber, Parliament Buildings, Kennedy Street

OFFICERS:

President —REV. H. B. GRAY, D.D.
Vice-Presidents W. M. HELLER, B.Sc.; C. W. KIMMINS, M.A., D.Sc.
Secretaries J. L. HOLLAND, B.A. (Recorder); W. D. EGGAR, M.A., HUGH RICHARDSON, M.A., D. M. DUNCAN,* M.A.

*Those whose names are marked with an asterisk are Local Sectional Secretaries, and may be addressed care of The Local Secretaries, British Association, Winnipeg.

COUNCIL ROOM

Mathematics Class Room 2
University

GENERAL COMMITTEE ROOMS

Engineering Class Room
University

CONCLUDING GENERAL MEETING

Legislative Chamber.

PRESIDENT'S ADDRESS AND EVENING LECTURES

The Walker Theatre

LIBRARIES

The Hon. the Speaker and the Commissioners of the Provincial Library of the Government of Manitoba have kindly consented to place the Library and Reading Room at the disposal of members of the Association, on week days, during the meeting. The Library is in the Parliament Building, and is open from 9 a.m. to 5 p.m.

The Benchers of the Law Society of Manitoba, have kindly offered to open their Library to members of the Bar from England, or to any members of the legal profession The Library is open every evening from 7 o'clock till 11 o'clock

WINNIPEG GOLF CLUB

The Winnipeg Golf Club extend a hearty invitation to the members of the British Association for the Advancement of Science, to use the Norwood Links during their stay in Winnipeg, and a Committee of prominent members of the Club was appointed to act as the hosts of such visitors as may desire to play on the links. This Committee and their telephone numbers are as follows:—

H. H. Pigott,	Main 1901	A. M. Stow,	Main 8400
Harold Keene,	" 2864	H. D. Patterson,	" 833
K. B. Stoddart,	" 4746	H. S. Edwards,	" 2424
C. H. Mansur,	" 7714	P. J. Montague,	" 7540
G. M. Patterson,	" 2450	F. G. Simpson,	" 4872
R. D. Stratton,	" 7478	Geo. Wilson,	" 32

The intention of the Committee is to do their share in making the stay of the visitors as pleasant as possible—or at least those of them who are devotees of the Royal and Ancient Game The Norwood Links are very accessible.

Any members of the British Association can go out to the Links and play without preliminary arrangement—or if they desire to have the company of any of the Club members, those composing the above Committee will be glad to be at their disposal

DIARY AND EPITOME OF PROGRAMME

WEDNESDAY, August 25th

12 noon	Meeting of Council in Mathematics Class-Room, University Building
2 p.m	Meeting of Organizing Sectional Committees
4 p.m	Meeting of General Committee in Engineering Class-Room, University Building
8.30 p.m	Inaugural Meeting in the Walker Theatre. Short Addresses of Welcome. Address by the President, Sir J. J Thomson, M.A., Sc D., F R.S

THURSDAY, August 26th.

†10 a.m.	Sectional Meetings
3 to 5 p.m.	The Commissioner of the Hudson's Bay Company and Mrs. Chipman, will give a Garden Party to 250 Members, at Lower Fort Garry. Cars leave St. Johns for Lower Fort Garry, at 3.30 p.m., and leave the Fort on return, at 5.45 p.m.
	Horticultural Societies' Exhibition, Horse-Show Building Osborne Place. Invitations will be issued to visiting members

8.30 p.m — Discourse on "The Seven Styles of Crystal Architecture," by A. E. H. Tutton, M.A., D.Sc., F.R.S., in the Walker Theatre

FRIDAY, August 27th.

†10 a.m. — Sectional Meetings.

3.15 p.m — Meeting of the General Committee in Engineering Class-Room, University of Manitoba

The President and Members extend the privilege of the St. Charles Country Club for the afternoon, to all Members of the British Association. There will be a Polo Match, the Golf Links will be open, and refreshments will be served. **Special Cars will leave the corner** of Portage Ave. and Main St. at 3.00, 3.10, 3.20 and 3.30 p.m. Admission on presentation of Association tickets

9.00 p.m — Reception at Government House, by His Honour the Lieutenant-Governor

SATURDAY, August 28th.

†10 a.m. — Sectional Meetings

Excursions. See page 29.

8.30 p.m — Gymkhana by the officers and men of the Royal Canadian Mounted Rifles, in the Horse Show Building, Osborne Place. Members will be admitted to a reserved portion of the Building, on presentation of their Association tickets

SUNDAY, August 29th.

MONDAY, August 30th.

†10 a.m. — Sectional Meetings.

3 p.m — Meeting of Committee of Recommendations

4-6 p.m. — Principal and Mrs. W. J. Black, will give a Garden Party, at the Agricultural College

8 p.m — Popular Lecture on "The Chemistry of Flame," by Prof. Harold B. Dixon, M.A., F.R.S., in the Walker Theatre

9. p.m — Conversazione in the Royal Alexandra Hotel, by invitation of the Local Executive Committee

TUESDAY, August 31st.

†10 a.m — Sectional Meetings.

5-7 p.m — The Hon. Chief Justice and Mrs. Howell, will give a Garden Party at their residence, Carlton Street, to 250 Members

8.30 p.m. — Discourse at the Walker Theatre, by Professor W. A. Herdman, D.Sc., F.R.S., on "Our Food from the Waters."

WEDNESDAY, September 1st.

†10 a.m — Sectional Meetings

1 p.m. — Meeting of General Committee, to receive the Report of the Committee of Recommendations, in Engineering Class Room, University of Manitoba

* For visits to Works and Saturday Excursions, etc See page 27

†Or as may be announced in the Daily Journal

5 p.m.	Concluding General Meeting, in the Legislative Chamber
5 to 7	J. A. M. Aikins, Esq., K.C. and Mrs. Aikins will give a Garden Party at their residence, Riverbend, to 250 Members.
8 p.m.	Popular Lecture at the Walker Theatre, by Professor J. H. Poynting, D.Sc., F.R.S., on "The Pressure of Light."

SECRETARIUM

The Local Committee have arranged to entertain the Secretaries of Sections, at the Corona Hotel.

OFFICES AND OTHER ARRANGEMENTS IN THE RECEPTION ROOM

TICKETS

Association Tickets

For terms of Membership, see page 5.

President's Address and Evening Lectures

The Inaugural Meeting will be held in the Walker Theatre on Wednesday, August 25th, at 8.30 p.m., when the Mayor of Winnipeg will welcome the Members of the Association, and Prof. Sir J. J. Thomson will assume the Presidency and deliver an Address.

The Evening Discourses and Popular Lectures have been arranged as follows:

Thursday, August 26th, Discourse by Dr. A. E. H. Tutton, on "The Seven Styles of Crystal Architecture."

Monday, August 30th, Popular Lecture, by Prof. Harold B. Dixon on "The Chemistry of Flame."

Tuesday, August 31st, Discourse by Prof. W. A. Herdman, on "Our Food from the Waters."

Wednesday, September 1st, Popular Lecture by Prof. J. H. Poynting on "The Pressure of Light."

A plan of the Walker Theatre may be seen at the Reception Room, and reserved seats for the President's Address and the Evening Discourses secured up to 6 p.m. on Wednesday, August 25th. For the convenience of visitors a portion only of the seats will be allotted on Monday, August 23rd; a second portion on Tuesday, August 24th, and the remainder on Wednesday, August 25th.

N.B.—No seats will be allotted except on presentation of Association tickets. In cases where two or more applicants wish to sit together, the Association tickets should be presented at the same time. Ticket holders should be in their seats ten minutes before the address begins. Reserved seats not occupied before 8.25 may be filled up.

The arrangements for the Popular Lectures will be announced later.

EXCURSIONS AND GARDEN PARTIES

Applications for invitations to the Garden Party at Lower Fort Garry, should be handed in at the ticket counter not later than 6 p.m. on Wednesday, August 25th.

Applications for excursion tickets and other Garden Parties, must be handed in not later than 12 noon on Thursday, August 26th. Each individual application must be made on a separate form, which may be obtained at the "excursions and entertainments" counter. And in cases where two or more wish to have tickets or invitations for the same excursion or Garden Party, their application forms should be fastened together. Replies will be delivered at the Reception Room Post Office on Friday morning and all tickets for the excursions must be taken and paid for at the excursions counter not later than 2 p.m. on Friday, August 27th. Tickets which have not been claimed by 2 p.m. on Friday, may be re-allotted.

For list of Excursions, see page 25.

THE JOURNAL

THE OFFICIAL JOURNAL is published each morning. It will be ready for distribution in the Reception Room at 10 a.m. on Wednesday, August 25th and on subsequent week-days at 8 a.m.

LISTS OF HOTELS AND LODGINGS

LISTS OF HOTELS AND LODGINGS can be obtained in the Reception Room after 2 p.m. on Monday, August 23rd.

POST OFFICE

A Branch Post Office will be open in the Reception Room, for the convenience of Members, offering postage supplies for sale, paying Money Orders and receiving and delivering all classes of mail.

Office hours:—Week days, 8.00 to 18.30 o'clock. Sunday, 9.00 to 11.00 o'clock.

Mails will leave Head Office for Branch Office at 7.30, 8.00, 9.30, 10.30, 12.00, 13.00, 14.00, 15.30, and 16.30 o'clock.

Mails will leave Branch Post Office for Head Office at 10.00, 11.00, 12.30, 13.30, 15.00, 16.00, 17.00, 19.30, and 22.30 o'clock.

RATES OF POSTAGE

All mail posted at the Postal Station in the Reception Rooms for delivery in the Reception Room—FREE.

LETTERS

Letters for delivery throughout

(1) Winnipeg City, 1 cent per ounce.

(2) Canada, United States, Mexico, United Kingdom, and British Possessions generally—2 cents per ounce.

(3) Postal Union Countries—5 cents for the first ounce, and 3 cent additional for each succeeding ounce.

Letters containing gold, jewelry, or any dutiable matter whatsoever, cannot be accepted for transmission to other countries.

NEWSPAPERS

Canada, United States, Mexico, United Kingdom and British Possessions generally	1 cent per four ounce
All other Countries	1 cent per two ounce

POST CARDS

Canada, United States and Mexico	1 cent each
All other Countries	2 cents each

MERCHANDISE

1 cent per two ounces

PRINTED MATTER

Canada and United States	1 cent per ounce, if not closed against inspection
All other Countries	at Parcel Post Rates (Inquire at Post Office)

POSTAGE STAMPS

Complete sets of current issue comprising stamps from one-half cent to 50 cents each are for sale at $1 06 per set. Complete sets of Tercentary series issued in 1908, to commemorate the three hundredth anniversary of Settlement in Canada are for sale at 61 cents per set

International Reply Coupons for prepaying replies to correspondence sent to other Countries.—6 cents each

Canadian and United States Express or Special Delivery Stamps — 10 cents each

Express mail addressed to the United Kingdom cannot be prepaid as such: when plainly marked it may be sent forward subject to collection from addresses at the rate of 3 cents per mile conveyed from office of address

MONEY ORDERS

Issued and paid at the General Post Office from 8.00 to 20 00 o'clock daily except Sunday, and paid at our Branch Post Office during business hours on week days.

Money Orders payable, when properly signed by payee, are negotiable through all chartered Banks.

POSTAL NOTES

The Postal Note system affords a cheap, convenient and reliable means for remitting small amounts of money to Canadian or United States points. They can be bought as quickly as postage stamps, and are paid at destination without any danger of delay in waiting for the arrival of corresponding advice, as is sometimes the case with Money Orders. They are for sale at the General Post Office daily except Sunday, from 8 00 to 22 00 o'clock.

STREET MAIL DELIVERIES

There are from two to seven Carrier Deliveries throughout the city daily except Sunday, the frequency varying according to the business importance of the districts served. The first Delivery leaves General Post Office at 8.00 o'clock, and the last at 17 15 o'clock There is no street delivery service on Sundays, but the Carriers' Wickets are open at the General Post Office from 12 00 to 13 00 o'clock, for delivery to applicants who call there

STREET MAIL COLLECTIONS

There are from three to ten collections throughout the city on week days and three on Sundays: every street box bears upon it a card indicating collections therefrom

ARRIVAL AND DEPARTURE OF PRINCIPAL MAILS

G.P.O TIME

	Arrive			Depart	
Eastern Canada	10.30	13.15	22.30	6.00	17.15
Western Canada	7.50	18.20		11.45	21.30
United States (generally) and Mexico	8.30	15.00		12.50	16.20
United States (New England) and Atlantic Seaboard—extra				6.00	21.00
Great Britain and Trans-Atlantic points generally	10.00 o'clock every Saturday, Sunday and Monday				

MAILS FOR OR VIA THE UNITED KINGDOM

				S S	Via
August	21st,	Close	15.00 O'C	Kaiser Wilhelm Der Grosse,	New York
"	21st,	"	21.00 "	Mauretania	" "
"	24th,	"	16.00 "	Empress of Ireland	Rimouski
"	25th,	"	15.00 "	St. Louis	New York
"	25th,	"	21.00 "	Laurentic	Quebec.
"	28th,	"	15.00 "	Kaiser Wilhelm II	New York
"	31st,	"	16.00 "	Victorian	Rimouski
Sept.	1st,	"	15.00 "	Victorian	New York
"	1st,	"	21.00 "	Dominion	Quebec.
"	4th,	"	15.00 "	Dominion	New York
"	7th,	"	16.00 "	Empress of Britain	Rimouski
"	8th,		15.00 "	Empress of Britain	New York
"	8th,	"	21.00 "	Megantic	Quebec
"	11th,	"	15.00 "	Megantic	New York

Mails for China and Japan leave Vancouver, B. C., August 25th, September 15th, and October 6th; for Australia, September 10th, October 8th. Winnipeg despatches to connect with those mails close four days earlier

Trans-Pacific mails forwarded via San Francisco during September, are not yet announced

GENERAL POSTAL INFORMATION

Register all valuable or important mail, and take pains to pack and bind all packages securely to withstand the strain and friction of transportation in bags

Ordinary mail to domestic points must be at least partially prepaid to United States and Mexico, at least one rate to United Kingdom and Postal Union Countries generally prepayment of any amount is not compulsory. It is, however, advisable that all mail should be fully prepaid that delivery at destination may be simplified, and as expeditious as possible

Registered mail must in every case be fully prepaid

Post your mailings early and thereby avoid the dangers of **rush** treatment at the closing hour

Newspaper and package mails generally, close two hours earlier than letter mails, except when registered, in which case they close only one hour earlier

It is not desirable in the interests of Despatch that senders should indicate any particular route upon their mailings, the Post Office can be safely trusted to always employ the most expeditious

Persons going about from place to place should not fail to keep the Post Office informed of their movements in order that their mail may follow them.

The **Country of Designation** should be an important feature of every address upon mail to guard against confusion with local Post Offices of the same or similar name

OFFICE HOURS GENERAL POST OFFICE

Doors open	7 00 to 23 00 o'clock Business Days
Sundays	10 30 to 21 30 o'clock
General Delivery and Registration	7 00 to 22 00 o'clock Daily except Sun
Inquiry	7 00 to 18 30 o'clock "
Stamp Wicket	8 00 to 22.00 o'clock

TELEGRAPH OFFICE

The undermentioned Companies* have generously consented to permit Members of the British Association visiting Canada from the United Kingdom, to send and receive, without charge, telegraphic messages under the following restrictions

(1) The free privilege to be limited to messages of a strictly social or family character from Members to their friends in the United Kingdom, or VICE VERSA, the free privilege to cease after the messages have left the termini of the Companies concerned

(2) Each Member to be allowed to send and to receive TWO telegrams free of charge Each telegram to consist of ten words, including the address

(3) The privilege to be used only by or for Members elected in the United Kingdom, not by Associates, or by persons elected in Winnipeg

(4) The privilege to be available from August 16 to September 14 inclusive

(5) The messages to be considered as "service messages" to be forwarded only when the cables are free from paid traffic

(6) The Association to designate the officers authorized to send and receive messages in London and Canada respectively, and no other persons to be allowed to act

Messrs Thos Cook & Son, of Ludgate Circus, London, E.C., have kindly placed their services at the disposal of the Association, and will act as the authorized officers in London, Montreal, and Quebec, for the receipt and dispatch of telegrams, while the authorized officers in Winnipeg will be the Local Secretaries The number on a Member's Association ticket will serve as an abbreviation for his name and the address registered with Messrs Cook in London, to which his messages are to be telegraphed Should such address not have been registered, the message will be telegraphed to the Member's own home address, unless the cablegram indicates another address Detailed instructions are appended on the next page

* Anglo-American Telegraph Co	Commercial Cable Co
Canadian Pacific Railway Co	Compagnie Française des Cables Télégraphiques
Direct United States Cable Co.	Western Union Telegraph Co

INSTRUCTIONS FOR SENDING CABLEGRAMS

Members cabling from Canada must pay Messrs [illegible] representative for in Winnipeg the accredited officer in the Reception Room (one Cabling 25 cents), to cover charge of forwarding message from Messrs Cook's office in London, etc. Cablegrams should be in the following order, [illegible]

i) Coupon London [i.e. Messrs Cook's telegraphic address]

ii) 1950 [i.e. Member's ticket number]

iii) [illegible] to which Messrs Cook are to forward message (if they are not previously in possession [illegible])

iv) Message

Special code words are given below, covering a few phrases likely to be in common use, but no other code may be used.

EXAMPLES: (1) If Mr. A. B., whose ticket number is 1950, wishes to cable to an address previously registered with Messrs Cook, "Had a good passage, inform friends of your having heard from me," his cablegram as handed in will run:

"Coupon London 1950 Padding Pageant."

Messrs Cook will translate this message from the code, and forward it to the address in their possession.

(2) If Mr. A. B. wishes to cable the same message to Mr. C., whose address Messrs Cook do not possess, he must write:

"Coupon London 1950 C. [illegible] 325 East Street, London Padding Pageant."

Messrs Cook will translate this message from the code, and forward it to Mr. C. [illegible] at the address given in the cablegram.

ANY WORDS IN EXCESS OF THE LIMIT-NUMBER, TEN, MUST BE PAID FOR AT FULL RATES.

MEMBERS WHO WISH TO REGISTER A SPECIAL ADDRESS TO WHICH CABLES ARE TO BE SENT, MUST NOTIFY IT TO THE OFFICE OF THE ASSOCIATION, BURLINGTON HOUSE, LONDON, W., BEFORE AUGUST 5TH.

Friends of Members wishing to cable to Members in Winnipeg, should send their messages either by post addressed to Messrs Thos. Cook & Son (OCEAN TRAVEL DEPARTMENT), Ludgate Circus, London, E.C., or by telegraph to "Coupon London," followed by the word "Britass" (i.e. the telegraphic address of the Association in Winnipeg), and the Member's name. No fee is required, but words in excess of the limit-number, ten, will be charged at full rate. The limit-number includes the address "Britass Winnipeg" and the Member's number, leaving seven words for the actual message free of rates.

CODE WORDS

Provided by Messrs Thos. Cook & Son, for the use of Members.

PACKAGE	Arrived safely, all well
PADDING	Had a good passage
PAGANISM	Had a bad passage
PAGEANT	Inform friends of your having heard from (us)
PAINFUL	Have been delayed by
PAINT	All letters which may arrive for me (us) by the
PALACE	All letters arrived for me up to now please send to
PALATABLE	Have received yours of
PALE	Have not received yours of
PALETTE	Have you received my letter?

PALPITATE	Have you received my telegram?
PAMPERED	Telegraph at once in reply
PAMPLET	Make me (us) telegraphic remittance through Thos Cook & Son, Ludgate Circus, London, E C —
PANG	Pay for my account to
PANORAMA	Send me by post—
PANOPOLY	Have sent you
PANTALOON	Communicate this at once to
PANTOMINE	Please send me at once
PAPER	Itinerary will be shortened by days
PARABLE	Itinerary will be lengthened by days
PARAGRAPH	Expect to leave
PARASITE	Expect to arrive
PARCHMENT	Weather fine.
PARDON	Weather bad.
PAROCHIAL	Am sending full report by post
PARODY	Please meet me at—
PARTAKE	Will write you a letter from
PASSAGE	Want to know about
PASTORAL	Next letters should be addressed to—
PATENT	All well here.
PATHETIC	Let me (us) know how you are getting on
PORTION	Let me (us) know where to write to you next

COMMUNICATION BETWEEN MEMBERS OF THE ASSOCIATION

For the convenience of Members, a special box for unstamped letters will be provided, in which notes intended for Members of the Association may be placed. These will be collected at short intervals, and will be delivered on application at the Post Office in the Reception Room

TELEPHONE CALL OFFICE

Telephones will be provided in the Reception Room for the use of Members

Other conveniences as writing accommodation, typewriting and shorthand, a news stall, lavatories and cloak rooms will be provided at the Reception Room.

RESTAURANTS

MEALS may be obtained at the following places

Royal Alexandra Hotel	Leland Hotel
Angelus Café	Mariaggi Hotel
Clarendon Hotel	Olympia Café
Corona Hotel (Secretarium)	Queens Hotel
Empire Hotel	Strathcona Hotel
Grange Hotel	Venice Café
Inter-ocean Hotel and Café	Winnipeg Hotel
The T. Eaton Co	Robinson & Co
La Claire Hall Boarding-House	The Hudson's Bay Co

A TABLE D'HOTE Luncheon will be provided in a MARQUEE in the University Grounds at a fixed price of 60 cents

Afternoon tea will be served in a tent in the grounds of the Parliament Buildings.

STREET CARS

TIME TABLE

FREQUENCY OF CARS—WINNIPEG ELECTRIC RAILWAY CO.

The principal routes are shown on the map accompanying this programme

Broadway and St. Johns	4	minutes	(passes Reception Room)
Ft Rouge	5	"	Passes Reception Room on return Journey
Portage Avenue	4	"	Passes Section A and close to C, E, and F
St. James and Higgins	5½	"	
Park Line	6	"	Passes Reception Room
William Avenue	8	"	
Belt Line, each way	5½	"	
Corydon Avenue	8	"	From corner of River Ave and Osborne Sts
Bannerman and McGregor	10	"	
Dufferin Avenue	10	"	
Logan west	6	"	
Sargent Avenue	8	"	
St. Boniface	10	"	
Elmwood	15	"	
Kildonan	45	"	
St. Charles passes Section A and close to C, E, and F	22	"	
Agricultural College	10	"	
City Limits to Charleston, each hour		"	
C. P. R. to Headingly, each hour			
To City Park	10	"	

The ordinary street car fare is 5 cents for any distance within the city limits, a transfer being obtainable when it is necessary to change cars. A saving is effected by purchasing tickets. These cost.

White Tickets (available at all hours)—6 for 25 cents, or 25 for $1.00

Red Tickets (available between the hours of 6 a.m. to 8 a.m. 5 p.m. to 6.30 p.m. on week days; all day on Sundays)-8 for 25 cents

CAB TARIFF

FOR ONE OR TWO-HORSE CABS IN THE CITY OF WINNIPEG

The following shall be the Tariff for Two-Horse Cabs in the City of Winnipeg:

1. For conveying one or two passengers from one place to another within the limits of the first division, with right to return to place of starting after a stop or detention of not exceeding ten minutes at the place first driven to ..... $ .50
2. For every additional passenger ..... .25
3. Half fare allowed on return if the detention exceeds ten minutes
4. And full fare if the detention exceeds twenty-five minutes
5. For conveying one passenger to or from any place in the second division to or from any place on the first division..... .75
6. For every additional passenger..... .25
7. The same allowance for return passengers as in the first division.
8. The above are to be considered as the day rates, that is, from 6 a.m. until 10 p.m.; after 10 p.m. double fares are allowed until 6 a.m.
9. For every hour completed in conveying one or more passengers 1.00

10. And for fractional parts of an hour at the same rate

11. This rate shall prevail from 6 a.m. until 10 p.m

12. From 10 p.m until 6 a.m the fare allowed per hour is 2 00

The following shall be the Tariff for One-Horse Cabs, Carriages and Coupes for the City of Winnipeg

1 For conveying one or two passengers from one place to another within the limits of the first division, with right to return to place of starting within ten minutes 25

2 For three or four passengers, same division 50

3. Half fare allowed if the detention exceeds ten minutes

4 Full fare if the detention exceeds twenty-five minutes

5. For conveying one or two passengers to or from any place in the second division to or from any place in the first division . 50

6. For every additional passenger 25

7. The same allowance for returning passengers for detention as in the first division

8 The above are to be considered day rates, that is, from 6 a m to 10 p.m. After 10 p.m. until 6 a m double fare

9. For every hour completed in conveying one or more passengers 75

10 And for fractional parts of an hour at the same rate

11 This rate prevails from 6 a m. until 10 p.m

12 From 10 p.m until 6 a m. the fare allowed per hour is 1 50

If a passenger wishes to travel from one place to another in the second division and finds a cab not under engagement in the division, he can employ such cab at the same rates as apply to division

No fare shall be charged for children under 7 years of age, to the number of two, in charge of an adult. If more than two children under 7 years of age, for each over two, half fare; for children over 7 and under 12 years of age half fare; and over 12 years of age full fare allowed

The owner or driver of every Licensed Cab shall carry, without additional charge, one trunk and such hand baggage as may be placed inside cab for each passenger

City Hall,

Office Hours - From 10 a.m. to 12 a.m

The above Tariff only applies to Licensed Cabs plying for hire on the public streets or cab stands. Cabs not Licensed are regulated by the Livery Tariff, as follows.

For single rigs	by the day of ten hours	. . . . .	$4 00
" " "	for half a day	. . . . .	2 50
" " "	by the hour—first hour	. . . . .	1 00
" " "	each subsequent hour	. . . . .	.75
" double rigs	by the day of ten hours	. . . . .	7 00
" " "	for half a day	. . . . .	4.00
" " "	by the hour -first hour	. . . . .	2 00
" " "	each subsequent hour	. . . . .	1.00

PROVIDED that shall a driver be required for any of the foregoing rigs, an additional sum of $2.00 per day of ten hours may be charged for such driver, and pro rata for any less time than ten hours

INFORMATION REGARDING TRANSPORTATION

*EUROPEAN DELEGATES

RAILWAY FARES.	Return trip tickets to Winnipeg from Quebec and Montreal at single fare ($36.00), plus 25 cents, on presentation of transportation certificates by delegates from Europe, signed by G. H. Webster, Secretary of the Eastern Canadian Passenger Association, issued by and countersigned by the Secretary of the B.A.A.S. This arrangement is for delegates who arrive without rail tickets; it is desirous, however, that they purchase rail tickets before leaving for Canada
LAKE ROUTE ARRANGEMENTS.	Westbound by railway, and Eastbound by Upper Lake steamers, $8.50 additional. Westbound by Upper Lake steamers, and Eastbound by railway, $3.50 additional. Westbound and Eastbound by Upper Lake steamers, $12.00 additional. These additional amounts will be collected at the time rail tickets are purchased.
RAIL ROUTES.	Tickets will be sold either via direct line or via the Muskoka route, and either of these routes may be taken in either direction. No concessions are offered by United States Railways except as in second and third paragraphs of "General Information," page 3
DATES OF SALE.	Tickets will be sold at Quebec or at Montreal from Thursday, July 1st, to Monday, August 23rd, inclusive
GOING TRANSIT LIMIT.	Valid to reach Winnipeg up to August 31st, 1909
RETURNING LIMIT.	Valid to reach initial starting point, i.e., Quebec or Montreal, up to October 31st, 1909, inclusive
STOP-OVERS.	"Stop-Overs" will be allowed at intermediate stations, going and returning, within time limits authorized herein, on application to the conductor of the train.

SIDE TRIPS—EUROPEAN DELEGATES

EASTERN CANADA.	Between all stations in Canada, Sault Ste. Marie, Sudbury, Ont., and East thereof, also **to** but not **from** Detroit, Port Huron and Sault Ste. Marie, Mich., Buffalo, Black Rock, Niagara Falls, Suspension Bridge, Massena Springs, Helena, Bombay and Fort Covington, N. Y., Newport, Swanton, Island Pond, Lake and Norton Mills, Vt
FARE	One-way trips at half lowest one-way first-class fare, return trips at lowest one-way first-class fare
DATES OF SALE.	July 1st to October 31st, 1909, inclusive
RETURN LIMIT.	Return trip tickets limited to reach initial starting point up to October 31st, 1909

*The word "Delegates" used in this section applies to Members and associates

WESTERN CANADA SIDE TRIPS. Side trip tickets will be sold at Winnipeg, or at any station in the territory hereafter specified, to any point West, North, or South thereof in the Provinces of Manitoba, Saskatchewan and Alberta.

FARE. Lowest single first-class fare for return trip.

DATES OF SALE. Tickets will be sold from July 15th to October 25th inclusive.

RETURN LIMIT. Tickets will be limited to reach Winnipeg on return trip by October 25th, 1909

STOP OVERS. Stop-Overs may be had at any point within final return limit.

Note.—Those going to the Pacific Coast apart from the special train party will take advantage of the Alaska-Yukon-Pacific Exposition fares. For side trips into or between the Kootenay country and other interior British Columbia points, tickets will be sold at single fare for return trip

TO OBTAIN SIDE TRIPS. In Eastern Canada, Transportation Certificates signed by G. H. Webster, Secretary of the Eastern Canadian Passenger Association, and countersigned by the Secretary of the B.A.A.S., must be presented to Agent.

To obtain side trips at Winnipeg, or any station west thereof, either these certificates or the return portion of rail ticket issued from Montreal, Quebec or Great Britain, must be presented to Agents.

NUMBER. Any number of side trip tickets may be obtained, but one only for each trip at each time of purchase

ST. LAWRENCE RIVER ROUTE. Delegates with return portions of ticket reading "via Toronto and rail" to Montreal or East may travel via the Richelieu & Ontario Navigation Company's steamers on payment of the following amounts:—

During August

From Toronto to Montreal	$8 00
From Kingston to Montreal	4.50

During September—

From Toronto to Montreal	$6 65
From Kingston to Montreal	3.50

The above "arbitraries" may be paid to the pursers on board the steamers, or at the office of the Richelieu & Ontario Navigation Co., in Toronto.

DELEGATES FROM EASTERN CANADA

FARE. **Westbound** Delegates to purchase one way first-class tickets and obtain from agents Standard Convention Certificates at lowest one-way first-class fare plus 25 cents

DATES. Tickets with Certificates will be sold from Monday, August 16th, to Monday, August 23rd, 1909, inclusive

Eastbound—Properly validated Certificates will be honoured in Winnipeg up to and including Sunday, October 31st, 1909, for continuous passage tickets through to initial starting point via the same rail route as used Westbound, without charge

LAKE ROUTE. Same arrangement as for European delegates, except that the additional amounts for travel via the Lakes will be collected at Winnipeg when delegates obtain tickets for return journey.

SIDE TRIPS. Side trip tickets for Eastern Canadian delegates will be obtainable at Winnipeg **only,** and the same arrangements will be offered to them as to European delegates, except that tickets will be sold September 1st to October 31st, good to reach Winnipeg on return trip by October 31st, 1909, by which date certificates for Eastern journey must be presented

TO OBTAIN SIDE TRIPS. Delegates can obtain side trip tickets on presentation of Standard Convention Certificates, duly signed by the Local Secretary of the B.A.A.S. appointed for this work

STOP-OVERS. Stop-Overs and number of side trip tickets the same as for European delegates.

ST. LAWRENCE RIVER ROUTE. The same as for European delegates

DELEGATES FROM POINTS: PORT ARTHUR TO KOOTENAY LANDING, B.C. AND TO, BUT NOT INCLUDING, MISSION JUNCTION, B.C.

FARE. Local Convention Plan arrangements only will apply: that is, delegates will purchase one-way tickets to Winnipeg and obtain at same time Standard Convention Certificates, which, on being vise'd by the Local Secretary of the B.A.A.S. at Winnipeg, will entitle the holders to return to initial starting point free.

DATES. Tickets and Certificates may be purchased from August 21st to August 30th, inclusive, and must be presented to Ticket Agents in Winnipeg for return tickets up to and including September 4th, 1909

SIDE TRIPS. Delegates from this territory are not entitled to any side trip privileges

DELEGATES FROM POINTS: MISSION JUNCTION AND WEST AND WEST OF KOOTENEY LANDING IN BRITISH COLUMBIA

FARE. Members or Associates from this territory will be sold return tickets at the rate of single fare on presentation of their membership tickets, or other proof that they are bonafide members of the Association, and will not therefore be required to obtain certificates to cover their return journey

DATES. Tickets may be purchased from August 16th to August 23rd, inclusive, and will be good to reach initial starting point on return trip up to and including October 31st, 1909

GENERAL INFORMATION

ROUTING ONE WAY VIA THE UNITED STATES Delegates travelling into Winnipeg via Chicago, may return via the Upper Lakes on payment of the additional amount required as above, but they will

not be returned via Port Arthur and rail route. The same understanding will apply in the opposite direction, i.e., if they travel to Winnipeg by boat they will be able to return via rail through the United States, but if they travel via rail through Port Arthur to Winnipeg they will not be able to return via rail through the United States.

DELEGATES TRAVELLING VIA THE UNITED STATES.

No concessions, with the exception of those mentioned below, will be granted by United States railways, as the number travelling by these lines will not be sufficient to induce the companies to grant reduced rates

FARE.

The exceptions referred to are the lines operating in the New England territory, which offer **one and three-fifths fares** for the return trip to the Canadian Border. The other lines embraced by the various remaining Passenger Associations, while not offering straight reductions of similar nature, have on sale what are known as "Summer Tourist Tickets" which amount to practically the same reduction

SEATTLE EXPOSITION.

There are also, of course, the rates in force in connection with the Alaska-Yukon-Pacific Exposition at Seattle. From New York to San Francisco and return via Montreal, Fort William and Winnipeg and Seattle, or via Chicago, St. Paul, Winnipeg and Seattle, returning by way of California, or from New York to San Francisco and return, going via California and returning via Seattle, Winnipeg, Fort William and Montreal or Winnipeg, St. Paul and Chicago via standard lines, fare **$107.25**, "differential" lines, $102 75.

FARE.

The fare from Montreal to San Francisco and return going via Winnipeg and Seattle and returning through California, or going via California and returning via Seattle and Winnipeg, is **$104.25**

The fare from Winnipeg to San Francisco and return one way through Seattle, is **$80 20**

Tickets are limited to October 31st, and "stop-over" privileges are given at all points west of Winnipeg or St. Paul, including these points.

Canadian Ticket Agents at the various ports of entry are to be provided with Standard Convention Certificates, so that those who desire to do so may pay their fare to the Canadian border, and thence take advantage of the arrangements in force on Canadian railways, of a single fare to Winnipeg, with return to the border line. Members already provided with transportation certificates issued by the London Office of the B A A.S. will not need, of course, to obtain these Standard Convention Certificates

ARRANGEMENTS AT WINNIPEG.

All Certificates issued with tickets purchased in Canada, will be vise'd at Winnipeg

Itinerary of Western Excursion for Officers and Invited Guests

OUTWARD JOURNEY

C. P. R.		
Lv. Winnipeg....	24.00k (12.00 p.m.)	September 2 Thursday
Time changes one hour at Broadview		
Ar. Regina .	.11.00k (11.00 a.m.)	September 3 Friday
Lv. Regina . .	.16.00k (4.00 p.m.)	September 3 Friday
Ar. Moose Jaw	17.30k (5.30 p.m.)	September 3 Friday
Lv. Moose Jaw .	22.30k (10.30 p.m.)	September 3 Friday
Ar. Calgary	16.00k (4.00 p.m.)	September 4 Saturday
Lv. Calgary	4.30k (4.30 a.m.)	September 5 Sunday
Ar. Banff	8.00k (8.00 a.m.)	September 5 Sunday
Lv. Banff .	18.00k (6.00 p.m.)	September 5 Sunday
Ar. Laggan	19.30k (7.30 p.m.)	September 5 Sunday
Lv. Laggan	4.30k (4.30 a.m.)	September 6 Monday
Time changes one hour at Laggan		
Ar. Glacier	10.30k (10.30 a.m.)	September 6 Monday
Lv. Glacier	15.30k (3.30 p.m.)	September 6 Monday
Ar. Asheroft	. 1.45k (1.45 a.m.)	September 7 Tuesday
Ar. Vancouver	10.00k (10.00 a.m.)	September 7 Tuesday
Lv. Vancouver	.13.00k (1.00 p.m.)	September 7 Tuesday
Ar. Victoria	..19.00k (7.00 p.m.)	September 7 Tuesday
(Stay at Victoria)		September 8 Wednesday

RETURN JOURNEY

Lv. Victoria .	24.30k (12.30 a.m.)	September 9 Thursday
Ar. Vancouver .	7.30k (7.30 a.m.)	September 9 Thursday
Lv. Vancouver . .	17.00k (5.00 p.m.)	September 9 Thursday
(En Route to Edmonton)		September 10 Friday
C. N. R.		
Time changes one hour at Laggan		
Ar. Edmonton	.10.00k (10.00 a.m.)	September 11 Saturday
Lv. Edmonton .	19.00k (7.00 p.m.)	September 11 Saturday
Ar. Vermilion	24.20k (12.20 a.m.)	September 12 Sunday
Lv. Vermilion .	.24.30k (12.30 a.m.)	September 12 Sunday
Ar. N. Battleford	5.30k (5.30 a.m.)	September 12 Sunday
Lv. N. Battleford	6.00k (6.00 a.m.)	September 12 Sunday
Ar. Humbolt	.11.20k (11.20 a.m.)	September 12 Sunday
Lv. Humbolt	11.30k (11.30 a.m.)	September 12 Sunday
Ar. Kamsack .	16.50k (4.50 p.m.)	September 12 Sunday
Time changes one hour at Kamsack		
Lv. Kamsack	.18.00k (6.00 p.m.)	September 12 Sunday
Ar. Dauphin	.22.30k (10.30 p.m.)	September 12 Sunday
Lv. Dauphin .	.22.40k (10.40 p.m.)	September 12 Sunday
Ar. P't'ge la Prairie	2.55k (2.55 a.m.)	September 13 Monday
Ar. Winnipeg ..	4.35k (4.35 a.m.)	September 13 Monday

Suggested Itinerary, Winnipeg to Victoria and Return

For those Members who may desire to travel West by the ordinary trains, and cover the same route as that arranged for the party of specially invited guests taking the Western Excursion, the following Itinerary is suggested

From **Winnipeg,** going via the Main Line of the Canadian Pacific Railway to **Vancouver,** thence by C.P.R. Steamer to **Victoria,** returning to **Vancouver,** and via the Main Line to **Calgary,** branching off to **Edmonton,** and returning on the Canadian Northern Railway Main Line to Winnipeg

OUTWARD JOURNEY

Leaving	C.P.R Train No. 1	Train No. 97
Winnipeg	12.50k (12.50 p.m.)	22.20k (10.20 p.m.)
Brandon	17.10k (5.10 p.m.)	2.30k (2.30 a.m.)
(Time changes one hour at Broadview)		
Regina	24.05k (12.05 a.m.)	9.15k (9.15 a.m.)
Moose Jaw	1.45k (1.45 a.m.)	11.10k (11.10 a.m.)
Swift Current	5.40k (5.40 a.m.)	15.30k (3.30 p.m.)
Medicine Hat	10.50k (10.50 a.m.)	20.55k (8.55 p.m.)
Calgary	17.45k (5.45 p.m.)	3.25k (3.25 a.m.)
Banff	21.00k (9.00 p.m.)	6.30k (6.30 a.m.)
Laggan	21.40k (9.40 p.m.)	7.10k (7.10 a.m.)
Time changes one hour at Laggan		
Field	23.10 (11.10 p.m.)	9.00k (9.00 a.m.)
Glacier‡	3.41k (3.41 a.m.)	13.50k (1.50 p.m.)
Revelstoke	6.10k (6.10 a.m.)	16.35k (4.35 p.m.)
Sicamous	8.29 (8.29 a.m.)	18.47k (6.47 p.m.)
Kamloops	12.00k (12.00 a.m.)	22.45k (10.45 p.m.)
North Bend	17.10k (5.10 p.m.)	3.75k (3.57 a.m.)
Mission Junction	20.15k (8.15 p.m.)	7.15k (7.15 a.m.)
Vancouver	22.00*k (10.00 p.m.)	9.00k* (9.00 a.m.)

*Arrive

Leaving		On C.P.R Steamer
Vancouver	10.00k (10.00 a.m.)	13.00k (1.00 p.m.)
Victoria	14.30k* (2.30 p.m.)	19.00k* (7.00 p.m.)

SLEEPING CARS

Sleeping Cars attached to the following trains
Nos. 1 2 96 97 C P R
Nos. 2. C.N R

RETURN JOURNEY

Leaving		On C P R Steamer
Victoria	14.00k (2.00 p.m.)	24.30k (12.30 a.m.)
Vancouver	8.30k* (6.30 p.m.)	7.30k* (7.30 a.m.)

Leaving	C P R. Train No 2	Train No. 96
Vancouver	9.00k (9.00 a.m.)	19.00k (7 p.m.)
Mission Junction	10.36k (10.36 a.m.)	20.40k (8.40 p.m.)
North Bend	13.55k (1.55 p.m.)	24.02k (12.02 a.m.)
Kamloops	18.55k (6.55 p.m.)	5.10k (5.10 a.m.)
Sicamous	22.00 (10.00 p.m.)	8.34k (8.34 a.m.)
Revelstoke	24.01k (12.01 a.m.)	11.00k (11.00 a.m.)
Glacier	2.27k (2.27 a.m.)	14.20k (2.20 p.m.)
Field	6.45k (6.45 a.m.)	19.30k (7.30 p.m.)

Time changes 1 hour at Laggan

Laggan	9.25k (9.25 a.m.)	22.20k (10.20 p.m.)
Banff	10.35k (10.35 a.m.)	23.30k (11.30 p.m.)
Calgary	13.05k* (1.05 p.m.)	2.05k* (2.05 a.m.)
	Arrive.	

CHANGE TRAINS AT CALGARY

Leaving	C.P.R. Train No. 221	Train No. 223
Calgary	8.00k (8.00 a.m.)	14.00k (2.00 p.m.)
Strathcona (Edmonton)	16.00k* (4.00 p.m.)	21.40k* (9.40 p.m.)

CHANGE TO CANADIAN NORTHERN RAILWAY

Leaving	C.N.R. Train No. 2
Edmonton	21.00k (9.00 p.m.)
Time changes one hour at Kamsack.	
North Battleford	8.40k (8.40 a.m.)
Dauphin	2.15k (2.15 a.m.)
Gladstone	5.28k (5.28 a.m.)
Winnipeg	9.00* (9.00 a.m.)

The above schedule allows for a continuous journey of from 10 to 12 days; stop-over privileges granted.

The approximate fare for the trip as outlined would be $81.05, until September 30th, 1909.

Members are, however, reminded that they can travel to the Pacific Coast (going and returning by the same route) for a fare of about $50.00.

Further particulars in regard to other routes, fares, etc., will be supplied upon application.

For further information on all railway matters members should apply to the railway companies' agents in the Reception Room.

LOCAL EXCURSIONS AND VISITS TO WORKS

Excursions have been arranged for Saturday, August 28th, to points of interest in the vicinity of Winnipeg, including Stony Mountain and the municipal stone quarries; Lake Winnipeg and St. Andrew's Rapids; the wheat fields of Manitoba; the hydro-electric plant on the Winnipeg River. Members will also have the opportunity of visiting the following works in the City of Winnipeg:—Canadian Pacific Railway shops and yards, Canadian Northern Railway shops, Ogilvie Flour Mills, Western Flour Canada Mills, Municipal High-Pressure Plant, Artesian Well system and Winnipeg Electric Railway Sub-Station.

SUMMARY OF VISITS TO WORKS, Etc.

Arrangements have been made through the courtesy of the City Council, or proprietors or managers, for members and associates to visit the following works and places of interest, on presentation of their Association tickets.

Description.	Party Assembles at	Date and hour when open to inspection	Remarks
City High Pressure Plant	The Plant, James Street	Mon., Aug. 30, 2.30 5.00 P.M.	Gas-producer and Gas - Engine plant working pumps for high pressure water fire protection
City Artesian Well System	By special arrangement		Winnipeg's water supply
Canadian Pacific Railway Shops and Yards	C.P.R. Depot	Special train Thurs., Aug. 26 Leave C.P.R. Depot 2.30 p.m. Shops 5.30	Repair shops and the largest yards owned by a single company on the continent
Canadian Northern Railway shops	C.N.R. Depot	Special train Mon., Aug. 30*	Repair shops
Ogilvie Flour Mills	Mills Higgins Ave.	Thurs. Aug. 26 and Fri., Aug. 27, 1.30 to 5 P.M.	The most modern types of Flour Mills
Western Canada Flour Mills	C.N.R. Depot	Mon. Aug. 30*	
Winnipeg Electric Railway Co. Sub-Station	Corner of Mill and Lombard Streets	Tue., Aug. 31 3 5 P.M.	Transforming and distributing station for hydro electric power

* The C.N.R. Shops and the Western Canada Flour Mills will be visited by means of the same special train, the time of departure of which will be announced later.

SUMMARY OF EXCURSIONS FOR SATURDAY, AUGUST 28.

Excursion		Maximum Number	Cost	Time of departure and return
St. Andrew's Locks on the Red River	Special train to Gonor (C P R)	150	Return fare 45c	Leave Winnipeg (C P R. Depot) 2 p m Arrive Gonor 2 30 p m Leave " 4.30 p.m Arrive Winnipeg 5 00 p.m
Wheatfields, Portage La Prairie	Special train to Portage la Prairie (C P R)	100	Return fare $1 65	Leave Winnipeg (C.P.R. Depot, 10 a.m) Arrive Portage La Prairie 11 35 p m. Leave " " 4.25 p.m Arrive Winnipeg 6.00 p.m The party will be conveyed to some of the wheatfields where harvesting operations are being carried on
City Hydro - Electric Plant on the Winnipeg River	Special train to Lac du Bonnet (C P R)	200	Return fare $1 85	Leave Winnipeg (C.P.R Depot) 9.00 a m Arrive Lac du Bonnet 10 35 a.m Arrive Point du Bois 12 noon Leave " " 2.45 p.m Leave Lac du Bonnet 4.20 p.m Arrive Winnipeg 6 00 p m
Stony Mountain and the Municipal Stone Quarries	Special train to Stony Mountain (C P R)	125	Return fare 40c.	Leave Winnipeg (C P R Depot) 2 00 p.m Arrive Stony Mountain 2.30 p m Leave " " 5 00 p m Arrive Winnipeg 5 30 p m
Winnipeg Beach	Special train to Winnipeg (C P R)	100	Return fare $1 00	Leave Winnipeg (C P R Depot) 10 a m Return 5 p.m

LOCAL EXECUTIVE COMMITTEE

Adamson, A. J.
Atkins, J. A. M., M. A., K. C.
Atkins, J., Somerset
Aird, John
Allan, W. R.
Allen, Prof., Frank, M.A., Ph.D.
Alloway, W. F.
Armstrong, Hon. Hugh
Ashdown, J. H.
Bawlf, N.
Bedford, Prof., S. A.
Bell, C. N.
Bettingen, W. J.
Black, Principal, W. J., B.S.A.
Blanchard, R. J., M.D.
Bryce, Geo., D.D., LL.D.
Brydone, Jack, Prof., E., B.A., C.E.
Buller, Prof., A. H. R.
Cameron, D. C.
Cameron, Hon. Justice J. D.
Campbell, Hon. Colin H.
Campbell, Robt.
Chase, S. R.
Chipman, C. C.
Chown, H. H., M.D.
Cochrane, Prof., R. R.
Cox, Alderman, F. J. C.
Dafoe, J. W.
Drewry, E. L.
Drewry, F. W.
Dubuc, Hon. Jos.
Duff, W. A.
Duncan, D. M.
Evans, W. Sanford, Mayor
Fetherstonaugh, Prof., E. P., B.S.
Fisher, Jas., K.C.
Galt, G. F.
Good, Dr. J. W.
Grieg, G. H.
Haggart, Alex., K.C., M.P.
Halpenny, J., M.D.
Howel, Hon. Chief Justice H. M.
Hutchings, E. F.
Jones, Dr. J. E.
Jones, J. R., M.D.
Lamb, J. R.
MacArthur, J. D.
Macdonald, Mr. Justice
Macdonald, Alex.
Macdonell, Major, A. C.
Macdonnell, Dr. John.
Macdonell, Capt. R. D.
MacEachern, J.
Macgachen, A. F. D.
Machattie, W. A.
Machray, J. A.
Mackenzie, Kenneth.
Martin, Wm.
Matheson, Archbishop

McArthur, J. D.
McDermid, D. W.
McIntyre, Daniel
McIntyre, W. A.
McLean, W. J.
McMillan, Lieut-Governor Sir D. H., K.C.M.G.
Monk, J. B.
Montague, Hon. Dr. W. H.
Morse, F. Morton
Munro, George
Munson, J. H., K.C.
Nanton, A. N.
Nichols, M. E.
Parker, Professor M. A., B.Sc., F.C.S.
Parker, Mrs. M. A.
Patrick, Dr. William, M.A., D.D.
Patten, F. L.
Reid, J. Y.
Pitblado, Isaac, K.C.
Richardson, R. L.
Riley, R. T.
Roblin, Hon. R. P.
Rogers, Hon. Robert
Roland, Chas. F.
Ruttan, Col. H. N.
Ryan, Thos.
Smith, Cecil B.
Smith, W. Harvey, M.D.
Sparling, Rev. J. W., M.A., D.D.
Sprague, Daniel
Steele, Colonel, S. B., C.B., M.V.O., D.O.C., V.D.
Stephens, G. F.
Sutherland, Hugh
Thompson, Mrs. W. H.
Torrance, F., B.A., D.V.S.
Tupper, J. Stewart, M.A., K.C.
Tupper, W. J.
Vincent, Professor Swale, M.D., D.Sc., F.R.S.C.
Watson, W.
Waugh, R. D. W.
Webster, William, M.D.
Whyte, William
Wilson, Thos.

RECEPTION AND SECTION ROOMS COMMITTEE

Aird, John
Allen, Professor Frank, Ph.D., F.R.S.C.
Bell, C. N.
Bell, Capt. W. G.
Bullman, Col. T.H.
Buller, Professor A. R., Ph.D., D.Sc., F.R.S.C.
Cochrane, Professor R. R., B.A.
Evans, W. Sanford, M.A.
Jackson, Major Heath
Ketchen, Capt., H.D.B., D.S.A.
Macdonald, Major A. C.
McDermid, D. W.
Munro, Major W. A.
Parker, Professor M. A., B.Sc., F.C.S.
Paterson, Major W. A.

Steele, Colonel S.B., C.B., M.V.O.,
Thompson, Mrs. W. H.
Vincent, Professor Swale, M.D., D.Sc., F.R.S.C.
Webster, Capt. Dr. W., M.D., C.M.
Windatt, W. A.

HOSPITALITY AND LODGINGS COMMITTEE

Chairman—Cameron, D. C.
Adamson, A. J.,
Aikins, J. A. M., K.C.
Aikins, J. Somerset
Aird, John
Aird, Mrs. J.
Allan, W. R.
Allan, Mrs. W. R.
Alloway, W. F.
Alloway, Mrs. W. F.
Ashdown, J. H.
Ashdown, Mrs. J. H.
Bell, C. N.
Bell, Mrs. C. N.
Bell, Mrs. Gordon
Brunstermann, Miss
Bryce, Rev. Geo., D.D., LL.D., P.R.S.C.
Bryce, Mrs. Geo.
Cameron, Mrs. D. C.
Cameron, Hon. J. D.
Campbell, Hon. C. H.
Campbell, Mrs. Colin H.
Campbell, Robt.
Chipman, C. C.
Chown, H. H., M. D.
Chown, Mrs. H. H.
Coombes, Mrs.
Crawford, Dr. Mary E.
Davidson, Mrs. A. R.
Drewry, E. L.
Drewry, Mrs. E. L.
Elliott, D. K.
Elliott, Mrs. D. K.
Evans, W. Sanford, M.A.
Evans, Mrs. W. Sanford.
Fetherstonaugh, Prof. E. P., B.Sc.
Galt, G. F.
Haggart, Alex., K.C., M.P.
Haggart, Mrs. Alex.
Hastings, G. V.
Hastings, Mrs. G. V.
Higginson, Mrs. H. A.
Howell, Hon. H. M., Chief Justice
Howell, Mrs. H. M.
Hutchings, E. F.
Jones, J. R., M.D.
Lamb, J. R.
MacEachern, J.
Machaffie, W. A.
Machray, J. A.

Machray, Mrs. J. A.
Martin, Wm.
Matheson, Archbishop, D.D., LL.D., D.C.L.
Matheson, Mrs.
McDermid, D.W.
Montague, Hon. W. H.
Montague, Mrs. W. H.
Monk, J. B.
Moody, Mrs. A. W.
Morse, F. M.
Munro, Geo.
Munson, J. H., K.C.
Myers, The Hon. Mr. Justice
Myers, Mrs.
Nanton, A. M.
Osborne, Mrs. F. Hotchkiss
Parker, Prof. M. A., B.Sc., F.C.S.
Parker, Mrs. M. A.
Patton, F. L.
Peters, F. W.
Peters, Mrs. F. W.
Pitblado, Mrs. Issac
Read, Mrs. H.
Riley, Mrs. R. T.
Roblin, Hon. R. P.
Roblin, Mrs. R. P.
Roger, Hon. R.
Rogers, Mrs. R.
Roland, C. F.
Ruttan, Col. H. N.
Ryan, Thos.
Sparling, Mrs. J. W.
Sprague, D. E.
Sutherland, Hugh
Thompson, Mrs. W. H.
Torrance, F., B.A., D.V.S.
Tupper, J. Stewart, K.C.
Tupper, W. L.
Vincent, Professor Swale, M.D., D.Sc., F.R.S.C.
Watson, W. W.
Wickson, Mrs. A.
Wilson, Thos.
Windatt, W. A.
Whyte, Wm.

TRANSPORTATION AND WESTERN EXCURSION COMMITTEE

Aikins, J. A. M., K.C.
Aird, John
Bell, C. N.
Bryce, Rev. Geo., D.D., LL.D., P.R.S.C.
Campbell, Hon. C. H.
Dafoe, J. W.
Drewry, E. L.
Evans, W. Sanford, M.A.
Fisher, Jas., K.C.
Mcdermid, D. W.
Parker, Professor M. A., B.Sc., F.C.S.
Vincent, Professor Swale, M.D., D.Sc., F.R.S.C.

LOCAL EXCURSIONS AND ENTERTAINMENTS COMMITTEE

Aird, John
Bell, C. N.
Chipman, C. C.
Evans, W. Sanford, M.A.
McDermid, D.W.
McLean, W. J.
Parker, Prof. M.A., B.Sc., F.C.S.
Vincent, Prof. Swale, M.D., D.Sc.

PUBLICATIONS COMMITTEE

Aird, John
Bell, C. N.
Bryce, Rev. Dr.
Buller, Prof. A.H.R.
Cochrane, Prof. R. R
Evans, W. Sanford
McDermid, D. W.
Parker, Prof. M. A., B.Sc., F.C.S.
Pitblado, Issac,
Vincent, Professor Swale, M.D., D.Sc., F.R.S.C

EDITORIAL COMMITTEE

Bell, C. N
Evans, W. Sanford
Parker, Prof. M. A., B.Sc., F.C.S.
Vincent, Professor Swale, M.D., D.Sc., F.R.S.C

FINANCE COMMITTEE

Aird, John:—Chairman and Hon. Local Treasurer
Bell, C. N.
Bryce, Rev. Geo., D.D., LL.D.
Chipman, C, C.
Drewry, E. L.
Evans, W. Sanford, M.A.
McDermid, D. W.
Parker, Professor, M.A., B.Sc., F.C.S.
Pitblado, Isaac
Vincent, Professor Swale, M.D., D.Sc., F.R.S.C

Officers of The Local Executive Committee

HONORARY PRESIDENT:

His Honour Sir Daniel H. McMillan, K.C.M.G., Lieutenant Governor of Manitoba.

HONORARY VICE-PRESIDENTS:

The Honourable R. P. Roblin, Premier of Manitoba

The Honourable Jos. Dubuc, B.C.L, LL.D., Chief Justice of Manitoba.

The Honourable H. M. Howell, Chief Justice of the Court of Appeal, Province of Manitoba.

Professor the Revd. Geo. Bryce, DD., LL.D., Manitoba College.

CHAIRMAN:

His Worship the Mayor of Winnipeg, W. Sanford Evans, Esq., M.A.

VICE-CHAIRMAN:

D. W. McDermid, Esq.

HONORARY LOCAL TREASURER:

John Aird, Esq., Canadian Bank of Commerce.

HONORARY LOCAL SECRETARIES:

C. N. Bell, Esq.

W. Sanford Evans, Esq., M.A.

Professor M. A. Parker, B.Sc., F.C.S.

Professor Swale Vincent, M.D., D.Sc

ASSISTANT LOCAL SECRETARY:

C. S. Tyrrell, Esq.